U.S. DEPOSITORY

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

MAY 1939

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

Sugar-beet culture in the humid area of the United States J. G. Lill, Bureau of Plant Industry. 50 p., illus. (1637F., rev.) Price, 10¢.

Containers for fruits and vegetables. L. C. Carey, Bureau of Agricultural Economics. 64 p., illus. (F. B. 1821F.) Price, 10¢.

Seed corn. Merle T. Jenkins, Bureau of Plant Industry. 14 p., illus. (F. B. 1822F.) Price, 5¢.

LEAFLETS

The pasteurization of milk. C. J. Babcock, Bureau of Dairy Industry. 4 p. (Leaf. 177L.) Price, 5¢.

Dwarf fruits. H. P. Gould, Bureau of Plant Industry. 8 p., illus. (Leaf. 178L.) Price, 5¢.

Drying seed cotton. Francis L. Gerdes and William J. Martin, Bureau of Agricultural Economics, and Charles A. Bennett, Bureau of Agricultural Engineering. 8 p., illus. (Leaf. 181L.) Price, 5¢.

TECHNICAL BULLETINS

Origin and distribution of the commercial potato crop. J. W. Strowbridge, Bureau of Agricultural Economics. 64 p., illus. (T. B. 7T., rev.) Price, 10¢.

Food of game ducks in the United States and Canada. A. C. Martin and F. M. Uhler, Bureau of Biological Survey. 157 p., illus. (T. B. 634T.) Price, 40¢.

Food habits of North American diving ducks. Clarence Cottam, Biological Survey. 140 p., illus. (T. B. 643T.) Price, 30¢.

Manufacturing and serviceability tests on sheetings made from two selected mill types of cotton. Ruth Elmquist Rogers and Margaret B. Hays, Bureau of Home Economics, and John T. Wigington, Bureau of Agricultural Economics. 32 p., illus. (T. B. 645T.) Price, 10¢.

Forest fire insurance in the northeastern States. H. B. Shepard, Forest Service. 46 p., illus. (T. B. 651T.) Price, 10¢.

Fertilizer placement for potatoes. G. A. Cumings, Bureau of Agricultural Engineering and G. V. C. Houghland, Bureau of Plant Industry. 48 p., illus. (T. B. 669T.) Price, 20¢.

Relation of temperature and moisture content to longevity of Chewings fescue seed. Vivian Kearns and E. H. Toole, Bureau of Plant Industry. 27 p., illus. (T. B. 670T.) Price, 10¢.

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Breaking strength, elongation, and folding endurance of films of starches and gelatin used in textile sizing. Margaret S. Furry, Bureau of Home Economics. 36 p., illus. (T. B. 674T.) Price, 10¢.

Shrinkage and cooking time of rib roasts of beef of different grades as influenced by style of cutting and method of roasting. Lucy M. Alexander, Bureau of Home Economics, and Nancy Griswold Clark, Bureau of Animal Industry. 36 p. (T. B. 676T.) Price, 10¢.

CIRCULARS

Mushroom casing soil in relation to yield. Edmund B. Lambert and Harry Humfeld, Bureau of Plant Industry. 12 p., illus. (Cir. 509C.) Price, 5¢.

A soft cheese of the Bel Paese type. Robert R. Farrar, Bureau of Dairy Industry. 19 p., illus. (Cir. 522C.) Price, 5¢.

Determination of slaughter-steer grades from weights and measurements. Bradford Knapp, Jr., Bureau of Animal Industry. 8 p., illus. (Cir. 524C.) Price, 5¢.

New chrysanthemums. Furman Lloyd Mulford, Bureau of Plant Industry. 8 p., illus. (Cir. 528C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

Lumber requirements for nonfarm residential construction. Frank J. Hallauer, Forest Service. 39 p., illus. (M. P. 347M.) Price, 15¢.

The wildlife restoration program under the Pittman-Robertson Act of 1937. Albert M. Day, Biological Survey. 12 p. (M. P. 350M.) Price, 5¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Bureau of Animal Industry. Service and regulatory announcements. March 1939. Pp. 25–38. (S. R. A.-B. A. I. 383). Price, 5¢ each.[1]

Pink bollworm quarantine. Revision of quarantine and regulations. Effective March 15, 1939. 7 p. (B. E. P. Q.—Q. 52, rev.).[2]

Notice of judgment under the Caustic Poison Act. Food and Drug Administration. 1 p. (N. J., C. P. 89.)[2]

Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 327–397. (N. J., F. D. 29801–30000.) Foods; pp. 1–26. (N. J., F. D. 30001–30050). Drugs.[2]

SOIL SURVEYS

Alabama, Hale County. (No. 4, series 1935). 60 p., illus. Price, 40¢.

Texas, Hunt County. (No. 14, series 1934). 56 p., illus. Price, 35¢.

Wyoming, Sheridan County. (No. 33, series 1932). 48 p., illus. Price, 70¢.

OTHER PUBLICATIONS

An outline of the water facilities program. Soil Conservation Service. [21] p., illus. Price, 10¢.

Erosion and related land use conditions on the Scantic River watershed, Connecticut-Massachusetts. P. H. Montgomery, Soil Conservation Service. 27 p., illus. Price, 15¢. For sale only.

Erosion and related land use conditions on the watershed of White Rock Reservoir near Dallas, Texas. Richard M. Marshall and Carl B. Brown, Soil Conservation Service. 29 p., illus. Price, 20¢. For sale only.

Index-catalogue of medical and veterinary zoology. Part 3. Authors: C to CZYGAN. Albert Hassall, Mildred A. Doss, Marion M. Farr, Gertrude B. Carson, and Dorothy Bero, Bureau of Animal Industry. 961 p. Price, 40¢. Restricted distribution.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.
[2] May be obtained from the issuing bureau.

Indicate below, by numbers **IN NUMERICAL ORDER**, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank form on reverse side.

Farmers' Bulletins	Leaflets	Other publications

AGRICULTURAL ADJUSTMENT ADMINISTRATION

The farmer's dollar "goes to town." Folder.[2]

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 23, no. 5, May 1939. Price, 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.[1]

Crops and markets. Vol. 16, no. 4, April 1939. Price, 10¢ a copy; $1.00 a year, domestic; $1.50 a year, foreign.[1]

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year . Sunday and holiday maps only, 60¢ a year. Foreign subscription, $9.10 a year. Maps DD, E, and CM, showing the weather conditions and forecasts are issued at numerous stations through the United States, 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 80, no. 5, May 1939. Price $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.75 per volume, foreign. Single numbers for sale only. Price, 15¢.[1]

Extension service review. Vol. 10, no. 5, May 1939. Illus. Price, 10¢ a copy; 75¢ a year, domestic; $1.15 a year, foreign.[1]

Journal of agricultural research. Price, $3.25 a year, domestic; $4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.[1] ***Not distributed free to individuals.***

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. **The Office of information has none for general distribution.**

Ala.–17. (In Vol. 58, No. 4.) **Studies of the nature of root knot resistance.** Keith C. Barrons.

Calif.–100. (In Vol 57, No. 12.) **Black ring, a virus disease of cabbage and other crucifers.** C. M. Tompkins, M. W. Gardner, and H. Rex Thomas.

Calif–101. (In Vol. 58, No. 1.) **Two mosaic diseases of annual stock.** C. M. Tompkins.

Calif.–102. (In Vol. 58, No. 2.) **A mosaic disease of radish in California.** C. M. Tompkins.

Calif.–103. (In Vol. 58, No. 5.) **Inheritance of eggshell thickness in White Leghorn pullets.** Lewis W. Taylor and I. Michael Lerner.

Colo.–11. (In Vol. 57, No. 12.) **The anatomical development of *Lepidium draba*.** Austin O. Simonds.

E–76. (In Vol. 58, No. 4.) **Effect of temperature of digestion, chemical composition, and size of particles on production of fuel gas from farm wastes.** G. H. Nelson, Robert P. Straka, and Max Levine.

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.
[2] May be obtained free upon application to the Agricultural Adjustment Administration.

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OFFICIAL BUSINESS

5–39

C–1118. (In Vol. 58, No. 1.) Relation of soil moisture to fusarium wilt of cotton. W. H. Tharp and V. H. Young.
G–1119. (In Vol. 58, No. 3.) Influence of culture conditions upon the growth and development of *Dictyostelium discoideum*. Kenneth B. Raper.
G–1120. (In Vol. 58, No. 4.) Cytogenetic observations in *Lactuca*. Thomas W. Whitaker and I. C. Jagger.
G–1123. (In Vol. 58, No. 5.) Influence of moisture and low temperature on the germination of hop seeds. D. C. Smith.
G–1124. (In Vol. 58, No. 4.) Relationships in the genus *Gossypium* as indicated by cytological data. J. M. Webber.
I–27. (In Vol. 58, No. 3.) Relation between conformation and anatomy of cows of unknown producing ability. W. W. Swett and R. R. Graves.
K–300. (In Vol. 58, No. 4.) Inactivation of pyrethrum after ingestion by the southern armyworm and during incubation with its tissues. P. A. Woke.
Kans.–88. (In Vol. 58, No. 5.) Carotene balance and blood carotene levels in heifers and lactating dairy cows and their relation to the production of off-flavor milk. C. H. Whitnah, W. J. Peterson, F. W. Atkeson, and H. W. Cave.
Mich.–33. (In Vol. 58, No. 5.) The use of the analysis of covariance and its limitation in the adjustment of yields based upon stand irregularities. Charles H. Mahoney and W. D. Baten.
N. Y. (Cornell)–42. Breed differences in resistance to a deficiency of vitamin B_1 in the fowl. W. F. Lamoreux and F. B. Hutt.

Journal of agricultural research. Vol. 57, July 1–December 15, 1938, Index; Vol. 58, no. 8, April 15; no. 9, May 1, 1939.

Monthly weather review. Vol. 67, no. 2, February 1939. Illus. Price, 20¢ a copy; $2.00 a year, domestic; $2.75 a year, foreign.[1] Not for general distribution.

Public roads. Vol. 20, no. 3, May 1939. Price, 10¢ a copy; $1 a year, domestic, $1.50 a year, foreign.[1]

Soil conservation. Vol. 4, no. 11, May 1939. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

Weekly weather and crop bulletin. Nos. 18–21, May 2–23, 1939. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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